

Title (en)

PARKING MODE SELECTION APPARATUS AND METHOD

Title (de)

VORRICHTUNG UND VERFAHREN ZUR AUSWAHL EINES PARKMODUS

Title (fr)

DISPOSITIF ET PROCÉDÉ DE SÉLECTION DE MODE DE STATIONNEMENT

Publication

**EP 2581273 B1 20190102 (EN)**

Application

**EP 11792421 A 20110606**

Priority

- JP 2010132055 A 20100609
- JP 2010132037 A 20100609
- JP 2010132028 A 20100609
- JP 2011062976 W 20110606

Abstract (en)

[origin: EP2581273A1] A parking mode selection apparatus selects one parking mode among from plural parking modes including at least a perpendicular parking or a parallel parking. The parking mode selection apparatus includes a steer angle detector that detects a steer angle of a steering wheel, an operation detector that detects, based on the steer angle detected by the steer angle detector, a predetermined operation in which the steering wheel is returned to a neutral position after rotated to a right or a left, and a parking mode selector. The parking mode selector selects, when the predetermined operation is detected by the operation detector, a parking mode that coincides with a steered direction to the right or the left of the steer angle detected by the steer angle detector and is associated with said steer angle.

IPC 8 full level

**B60R 21/00** (2006.01); **B62D 15/02** (2006.01)

CPC (source: EP KR US)

**B60K 35/28** (2024.01 - EP); **B60R 21/00** (2013.01 - KR); **B60W 30/06** (2013.01 - KR); **B60W 40/02** (2013.01 - KR);  
**B62D 15/027** (2013.01 - EP US); **B62D 15/0285** (2013.01 - EP US); **B60K 35/28** (2024.01 - US); **B60K 2360/173** (2024.01 - EP US)

Cited by

EP3415374A4; FR3017850A1; CN106029475A; EP3460403A1; CN109572712A; US10308283B2; WO2015124847A1; WO2019086202A1;  
EP3357793B1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2581273 A1 20130417; EP 2581273 A4 20171108; EP 2581273 B1 20190102;** BR 112012031475 A2 20161101; CN 102933429 A 20130213;  
CN 102933429 B 20150429; JP 5418673 B2 20140219; JP WO2011155464 A1 20130801; KR 101464449 B1 20141127;  
KR 20130028773 A 20130319; MX 2012014399 A 20130201; RU 2012157744 A 20140727; RU 2523861 C1 20140727;  
US 2013144492 A1 20130606; US 9457842 B2 20161004; WO 2011155464 A1 20111215

DOCDB simple family (application)

**EP 11792421 A 20110606;** BR 112012031475 A 20110606; CN 201180028375 A 20110606; JP 2011062976 W 20110606;  
JP 2012519383 A 20110606; KR 20137000464 A 20110606; MX 2012014399 A 20110606; RU 2012157744 A 20110606;  
US 201113702344 A 20110606